

## Pre-terminated CTB MK3 kit for external cables

**Prysmian Part Numbers: See table next page**



The Pre-terminated Compact Termination Box MK3 (CTB MK3) kit for external cables is designed for use in residential and business applications. The wall box is supplied on a cardboard reel with a length of cable pre-installed in the factory. This process eliminates the need for splicing or fitting field mount connectors in the customer premises. The cable is simply pulled out of the box, back to the floor/riser box and the CTB MK3 can be secured to the wall or clipped on a DIN rail, without the need to open the unit. According to the configuration, the CTB MK3 is equipped from one to four SC/APC inner-shuttered adaptor. The cables are for external use. The cable can either be an external type or internal/external type containing from one to four fibres BendbrightXS (G.657.A2). The standard lengths of cable supplied are 50 and 100 metres.

### Features and Benefits

- The CTB MK3 has a compact & attractive design for interior wall mounting. Standard color is white RAL9010.
- Eliminates the need for splicing in the customer premises.
- On the front main cover a flip cover is available for an identification label.
- Removable main cover for easy access.
- The CTB MK3 is pre-terminated in the factory to a length of cable using SC/APC connectors. Fully tested, each box is supplied with data for insertion loss and return loss for each connector.
- The standard cable lengths available are 50m or 100m. Other lengths can be supplied. Contact Prysmian for further information.
- The internal/external cable type (L1083-x) has 6mm nominal diameter. It contains from one to four fibres BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. The cable has an external HDPE sheath that can be peeled to continue the installation, without interruption, with the internal LSOH sheath inside the premises. The cable can enter the unit from the rear, bottom, top, right hand side or left hand face.
- The external cable type (L1084-x) has a 5mm nominal diameter, HDPE sheath. It contains from one to four fibres BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. The cable can enter the unit from the bottom face.
- All fibres are positively managed to maintain a 15mm minimum bend radius.
- A splice tray is available when maintenance is needed, for up to 4 fusion splices.
- Patch cords exit the unit on the bottom face and are protected by the use of inner-shuttered adapters.
- Supplied with a bracket for wall mounting (with screws or double face tape), for embedded electrical junction box or for mounting directly onto a DIN Rail.

### Kit Contents

The CTB MK3 is supplied with the required cable length pre-terminated and wound onto a cardboard reel. The reel is supplied in a cardboard box and the cable can be spooled out directly from the box. Wall fixings are supplied with the box.

## Prysmian Part Numbers

### Pre-terminated CTB MK3 kit equipped with internal/external cable

<b>Prysmiangroup Part Number</b>	<b>Designation</b>	<b>Product Content</b>
<b>XCPSC02870</b>	CTB MK3 Kit 1FO L1083-1 50m	CTB MK3 equipped with 1fo internal/external type cable L1083-1, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02871</b>	CTB MK3 Kit 1FO L1083-1 100m	CTB MK3 equipped with 1fo internal/external type cable L1083-1, 100 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02872</b>	CTB MK3 Kit 4FO L1083-4 50m	CTB MK3 equipped with 4fo internal/external type cable L1083-4, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02873</b>	CTB MK3 Kit 4FO L1083-4 100m	CTB MK3 equipped with 4fo internal/external type cable L1083-4, 100 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.

### Pre-terminated CTB MK3 kit equipped with external cable

<b>Prysmiangroup Part Number</b>	<b>Designation</b>	<b>Product Content</b>
<b>XCPSC02874</b>	CTB MK3 Kit 1FO L1084-1 50m	CTB MK3 equipped with 1fo external type cable L1084-1, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02875</b>	CTB MK3 Kit 1FO L1084-1 100m	CTB MK3 equipped with 1fo external type cable L1084-1, 100 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02876</b>	CTB MK3 Kit 4FO L1084-4 50m	CTB MK3 equipped with 4fo external type cable L1084-4, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
<b>XCPSC02877</b>	CTB MK3 Kit 4FO L1084-4 100m	CTB MK3 equipped with 4fo external type cable L1084-4, 100 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.

## Logistics

• Unroller Dimensions (mm):	(l)400 (w)370 (d)150	Weight (kg):	
• MOQ:	32 kits	CTB MK3 Kit L1083-x 50m	2.4kg
• Number of kits per Euro-palette (800x1200mm):	32 kits (H=880mm)	CTB MK3 Kit L1083-x 100m	3.9kg
		CTB MK3 Kit L1084-x 50m	1.6kg
		CTB MK3 Kit L1084-x 100m	2.5kg

## Technical Data – CTB MK3

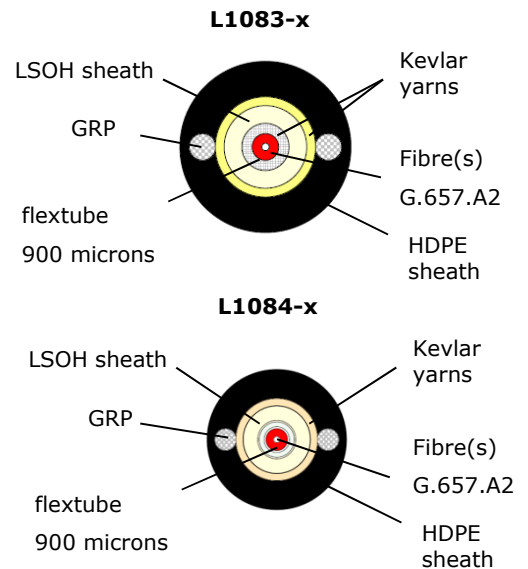
- Maximum input cable diameter(mm) : 5 mm
- Number of input cable port: 1
- Maximum Capacity : 4 connectors type SC and 4 splices
- Dimensions (mm) : (l) 80 x (w) 80 x (d) 28
- Operating temperature : from -25 to +70°C
- Material/Color : ABS / White RAL9010
- Testing specification : FT\_RD\_WTC\_14\_03\_70
- Inner-shuttered adapter type : SC/APC

## Technical Data – Fibre Termination

- Connector type: SC/APC
- Insertion lost (IL) @ 1310nm and 1550nm : ≤0,35dB.
- Return lost (RL) @ 1310nm and 1550nm : ≥60dB.
- Nominal connector angle SC/APC : 8°
- Operating temperature : from -25 to +70°C
- Testing specification : FT/RD/RESA/06/04/253

## Technical Data - Cable

Description	Number of fibres			
	1	4	1	4
Cable type	L1083-1	L1083-4	L1084-1	L1084-4
nominal diameter (mm)	6	6	5	5
Weight (kg/km)	30	30	20	20
Minimal bending radius (mm)	60	60	50	50
Maximal tension (daN)	80	80	80	80
Crush (daN/100mm)	20	20	20	20
Operating temperature (°C)	-40/+70			
Fibre type	G.657.A2 (BendBright XS)			



Please contact your local sales office listed on [www.prysmiangroup.com](http://www.prysmiangroup.com)

© Prysmian Group 2016, All Rights Reserved.  
The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.